

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF US 40 AND ST JOHNS LANE IN HOWARD COUNTY. US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

CONTROLLER OPERATION

THE EXISTING CONTROLLER HOUSED IN A BASE MOUNTED CABINET WILL BE USED. CONTROLLER OPERATION WILL NOT CHANGE.

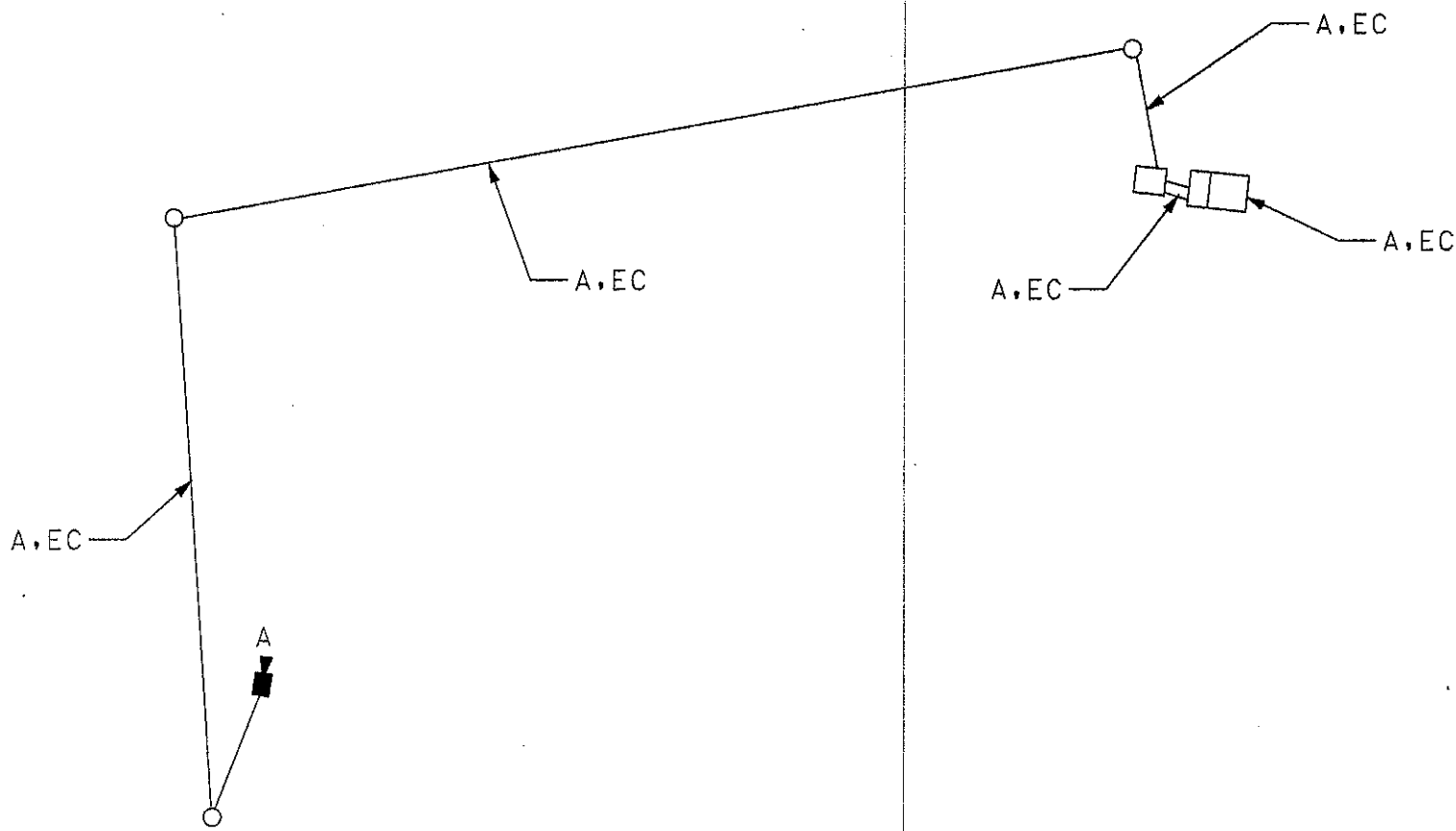
PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
1001	LS	MAINTENANCE OF TRAFFIC
5001	4 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING ARROW (LEFT AND RIGHT)
5001	2 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING ARROW (THUR/LEFT)
5002	8 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING LETTER
5005	35 LF	FURNISH AND INSTALL 24 IN. HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
8003	1 EA	FURNISH AND INSTALL 500 FT. VIDEO CABLE TO CONTROLLER
8013	1 EA	FURNISH AND INSTALL 15 FT. BRACKET ARM FOR SIGNAL STRUCTURE
8049	1 EA	VIDEO DETECTION CAMERA
8058	30 LF	FURNISH AND INSTALL 4 IN. X 4 IN. WOOD POST
---	2 EA	FURNISH AND INSTALL R3-5(R) SIGN (30" X 36")
---	1 EA	SPAN WIRE MOUNT
---	1 EA	FURNISH AND INSTALL R3-5(L) SIGN (30" X 36")
---	2 EA	SPAN WIRE MOUNT
---	2 EA	FURNISH AND INSTALL R3-6 SIGN (30" X 36")
---	1 EA	SPAN WIRE MOUNT
---	1 EA	FURNISH AND INSTALL R3-8 MOD. SIGN (45" X 30")
---	1 EA	GROUND MOUNT
---	1 EA	RELOCATE EXISTING SIGNAL HEAD

WIRING DIAGRAM



WIRING KEY

A VIDEO DETECTION 500 FT. PREMANUFACTURED CABLE
EC EXISTING CABLE

EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 7 ARE AS FOLLOWS:

MR. JIM BUCKALEW
ASSISTANT DISTRICT ENGINEER - UTILITIES
(301) 624-8110

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(301) 624-8141

MR. DAVID COYNE
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(301) 624-8106

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MR. DAVID SCHWARTZ
SUPPLY OFFICE IV (SIGNAL SHOP WAREHOUSE)
(410) 787-7668

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
(410) 787-7652

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

ALL OTHERS SHALL BECOME THE PROPERTY OF THE CONTRACTOR

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION
US 40 AND ST. JOHNS LANE

DRAWN BY: M.HOWELL	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: T.ZAYDEL	S.H.A. NO.	1816 GI	
SCALE: 1" = 20'	COUNTY: HOWARD	T.I.M.S. NO.	
DATE: 3-13-02	LOG MILE:	OF	